

Commonwealth of Kentucky
Division for Air Quality

PERMIT APPLICATION SUMMARY FORM

Completed by: Babak Fakharpour

GENERAL INFORMATION:

Name:	Modine Manufacturing Company
Address:	551 Tapp Road, Harrodsburg, KY 40330
Date application received:	9/18/2006
SIC/Source description:	3585, Air-conditioning and warm air heating equipment and commercial & industrial refrigeration equipment
Source ID #:	21-167-00014
Source A.I. #:	3153
Activity #:	APE20060002
Permit number:	F-07-010

APPLICATION TYPE/PERMIT ACTIVITY:

<input checked="" type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
__Administrative	<input type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input checked="" type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input checked="" type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:001, 1(116)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☒ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	Actual (tpy)	Potential (tpy)
PM/PM ₁₀	8.43/3.33	24.6/14.9
SO ₂	.033	.101
NO _x	10.53	26.05
CO	5.87	16.45
VOC	23.41	74.71
Single HAPs (TCE)	< 9.0	36.0
Source wide HAPs	< 22.5	49.9

SOURCE DESCRIPTION:

Modine Manufacturing Company is located in Harrodsburg, Kentucky and is a full service supplier of climate control systems, and air conditioning and heating components to the automotive, truck and off highway vehicle markets. Heat exchangers are manufactured from aluminum or copper tubes, plate fins, return bends headers or end plates and a variety of fittings and mounting brackets. Various cleaning, soldering and brazing operations are used to form the end products.

EMISSIONS AND OPERATING CAPS DESCRIPTIONS:

The facility took emission limits on Single HAP, and Source-wide HAPs to avoid becoming a major source.

OPERATIONAL FLEXIBILITY:

None.